



October 10, 2023

Esperanza Academy Charter School
301 West Hunting Park Avenue
Philadelphia, PA 19140

Attention: Ms. Alicia Mojica

Reference: Water Sampling for Lead
Esperanza Academy Charter School – Middle School
Criterion's Project Number: **232419**

Dear Ms. Mojica,

On September 22, 2023, Colin Walker, an environmental technician of Criterion Laboratories, Inc. (Criterion) collected water samples to be analyzed for lead at locations used for drinking and cooking at the Esperanza Academy Charter School Middle School.

Criterion collected a 250 milliliter (ml), first draw sample at each outlet, which were analyzed at Criterion in Bensalem, PA. The method used for analysis was Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) Method.

The Environmental Protection Agency (EPA) has established a current Action Level for lead in public drinking water of 0.015 milligrams per liter (mg/L) or 15 parts per billion (ppb).

All samples collected were within acceptable limits. No additional sampling is required at this time.

Please feel free to call me with any questions at 215-244-1300, extension 1032.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Billingsley'.

Melissa Billingsley
Project Manager

Attachment



ICP: Results of Lead in Drinking Water

Client	<u>Esperanza Charter School</u>	Site Address	<u>Esperanza Academy Charter School- Elementary, Middle and High School Middle School</u>	Sample Date	<u>9/22/2023</u>
Project #	<u>232419</u>			Sample Received Date	<u>9/22/2023</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Schwab, Andrew</u>	Sample Analysis Date(s)	<u>10/9/2023</u>

Sample Number	Collected	Location / Description	Lead (ppb)
232419-07-023-02-01	9/22/2023 07:37	Gym Hallway - Water Fountain	< RL
232419-07-023-02-02	9/22/2023 07:39	Staff Lounge - Sink	< RL
232419-07-023-02-03	9/22/2023 07:40	Across from 114 - Water Fountain	< RL
232419-07-023-02-04	9/22/2023 07:44	Kitchen Ice Machine - Sink	< RL
232419-07-023-02-05	9/22/2023 07:46	Kitchen Sink near Freezer - Sink	< RL
232419-07-023-02-06	9/22/2023 07:48	Kitchen Sink near Oven - Sink	< RL
232419-07-023-02-07	9/22/2023 07:49	Kitchen Sink near Warmer - Sink	< RL
232419-07-023-02-08	9/22/2023 07:51	Kitchen Sink near Dish Pit - Sink	2.1
232419-07-023-02-09	9/22/2023 07:53	Kitchen - Water Fountain	< RL
232419-07-023-02-10	9/22/2023 07:55	Nurse's Office - Sink	< RL
232419-07-023-02-11	9/22/2023 07:58	2nd Floor Fountain - Water Fountain	< RL

Sample Count 11

James A. Weltz, CIH, Technical Director

Reporting limit is 2.00 ppb. Criterion Laboratories, Inc. bears no responsibility for sample collection activities of non-Criterion personnel. This report relates only to the samples reported above, and when reproduced, must be in its entirety. Estimated accuracy, precision and uncertainty data available on request. QC data associated with this sample set is within acceptable limits. Samples were received in good condition, unless otherwise noted.

Note: If your project number ends with an "R", it is a revised report and replaces the original document in full. Samples are analyzed by Criterion Laboratories, Inc. using EPA Method 200.5: Determination of Trace Elements in Drinking Water by Axially Viewed Inductively Coupled Plasma - Atomic Emission Spectrometry and CLI Method 446

Criterion Laboratories, Inc. (ID 100424) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the IHLAP; EMLAP and ELLAP accreditation programs for Polarized Light Microscopy (PLM), Phase Contrast Microscopy (PCM); Air-Direct Examination; and Airborne Dust, Paint, Settled Dust by Wipe and Soil for Fields of Testing as documented by the Scope of Accreditation Certificate and associated Scope. Additionally, Criterion Laboratories, Inc. is certified by the Center for Disease Control (CDC) Environmental Legionella Isolation Techniques Evaluation (ELITE) Program for the determination of Legionella in water by culture and holds accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP ID 102046-0) for the determination of asbestos in bulk samples by Polarized Light Microscopy (PLM). This test report must not be used to claim product endorsement by NVLAP, NIST, AIHA or any agency of the US Government. Unless specifically listed as above, these test results are not covered under AIHA-LAP, LLC, 100424 accreditation.

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Chain of Custody

Matrix Water - Potable
Analyte Lead
Analysis Type ICP-AES
Container Bottle 250 ml
Project 232419
Client Esperanza Charter School
Site Address Esperanza Academy Charter School-Elementary, Middle and High School
Location Middle School
Turnaround 2 Weeks
Field Tech Colin Walker
Sample Notes
Chain of Custody Notes

Additional Analytes

Sample Number	Location	Description	Received Condition	Date	Notes
232419-07-023-02-01	Gym Hallway	Water Fountain	Good	9/22/2023	
232419-07-023-02-02	Staff Lounge	Sink	Good	9/22/2023	
232419-07-023-02-03	Across from 114	Water Fountain	Good	9/22/2023	
232419-07-023-02-04	Kitchen Ice Machine	Sink	Good	9/22/2023	
232419-07-023-02-05	Kitchen Sink near Freezer	Sink	Good	9/22/2023	
232419-07-023-02-06	Kitchen Sink near Oven	Sink	Good	9/22/2023	
232419-07-023-02-07	Kitchen Sink near Warmer	Sink	Good	9/22/2023	
232419-07-023-02-08	Kitchen Sink near Dish Pit	Sink	Good	9/22/2023	
232419-07-023-02-09	Kitchen	Water Fountain	Good	9/22/2023	
232419-07-023-02-10	Nurse's Office	Sink	Good	9/22/2023	
232419-07-023-02-11	2nd Floor Fountain	Water Fountain	Good	9/22/2023	

Sample Count 11

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Melissa Billingsley	9/22/2023		
Send Reports To	Esperanza Charter School	9/22/2023		
Samples Taken By	Colin Walker	9/22/2023	07:00	
Transported By	Colin Walker	9/22/2023	09:00	
Relinquished By	Colin Walker	9/22/2023	09:55	
Received By	Lauren Mitchell	9/22/2023	12:58	
Analyzed By	Andrew Schwab	10/9/2023	16:00	
Reviewed By	Collin Marrs	10/10/2023	09:28	